

101

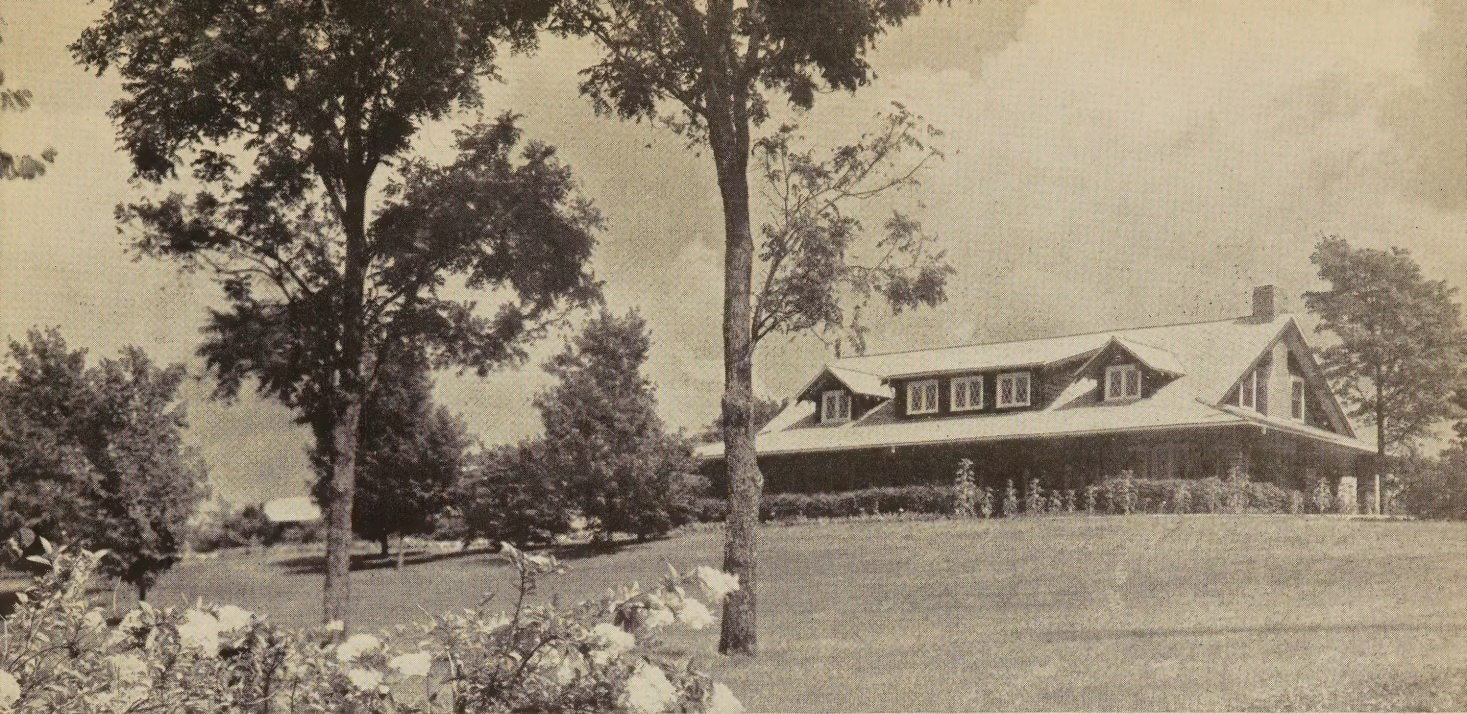
**PRACTICAL SUGGESTIONS
on HOME IMPROVEMENTS**

*F*OR over 75 years, it has been the privilege of Johns-Manville to have shared in the improvement of the American home. We are proud of having been able to contribute materials for home construction and remodeling which have made homes more livable, better looking and more permanent.

Perhaps some of these improvements and conveniences are lacking in your home. Perhaps it is not as modern or as comfortable or attractive as you would like to have it.

In this book, you will find many useful and practical suggestions. Of course it is not expected that you will be interested in all of these repairs or improvements. But we believe that among them you will find at least one which will make your home more attractive, more convenient and more comfortable—a better place in which to live.





Make your house the "Home of Tomorrow"

PUT YOURSELF in the place of passersby or your own friends calling upon you for the first time and look at your home with a critical eye. What are your impressions?

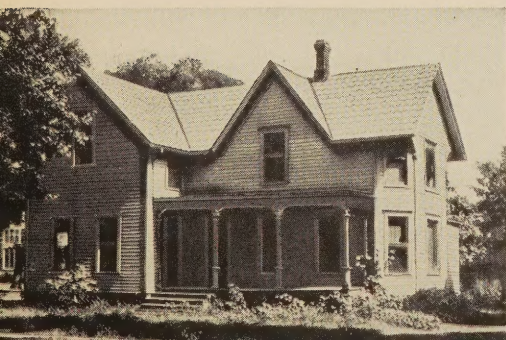
Is it shabby or up-to-date? Are you proud of it or do you find yourself making apologies to every guest? Have you allowed your home to "run down at the heels?" How does it compare with the other houses in your neighborhood? Why not have an attractive home, reflecting good taste—comfortable and modern?

Now—with the same critical attitude—let's be more specific. How about your roof? Does it provide adequate, fireproof protection? Is it shabby? Does it need more color? Is it in keeping, architecturally, with the rest of your house and the landscaping? Do the walls look as bright and cheerful as they should? Would new shutters help? Should the porch be eliminated or re-designed? Does the doorway say "welcome"?

Inside your house, study each room individually. Look for those minor changes that would mean so much in comfort and convenience as well as appearance. Has the kitchen been allowed to "go to seed"? Are there any ugly plaster walls that need dressing up? Is your house easy and economical to heat in winter, cool and comfortable indoors in summer?

Your answers to these questions will determine whether or not your home needs improving. And when you plan your improvements look to the future. Choose a dealer or contractor whose workmanship you know you can depend upon. Then use only building materials backed by reputable manufacturers — materials that will increase the value of your home and give lasting, satisfactory service.

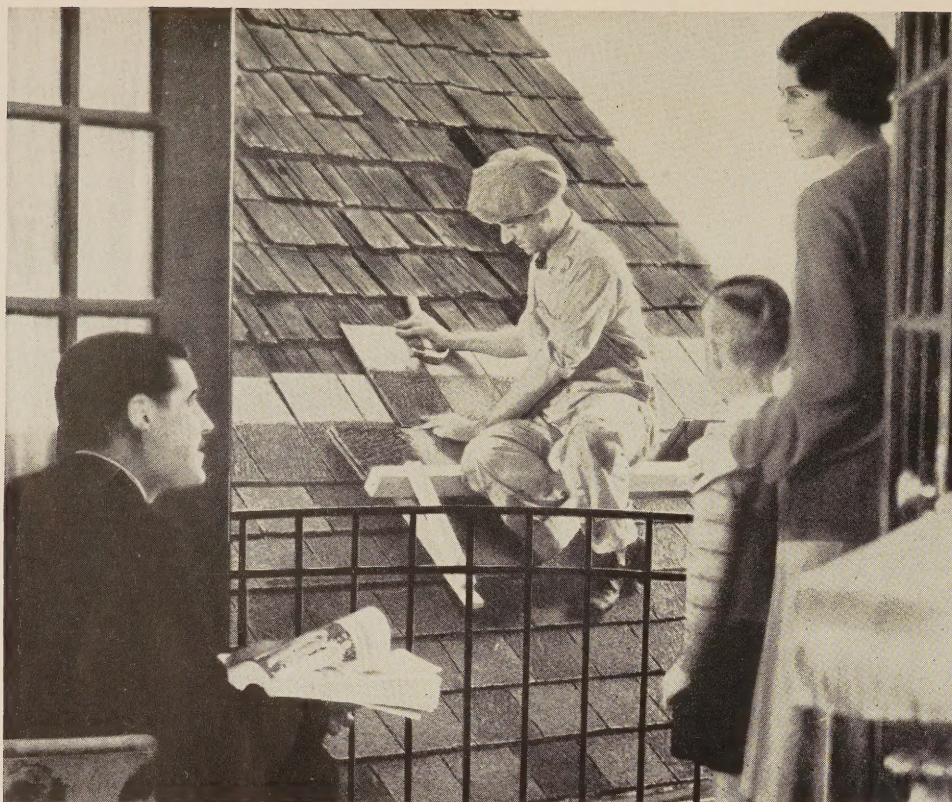
You are going to live in and with your home for many years to come. Why not make it a "home of tomorrow"—*today*!



Once Just Another House— Now a Modern Home

If your home is "down at the heels" like the one on the left, the suggestions in this book will help you make it just as modern as the one on the right—a home you will be proud to own.





Put Yourself in this Picture

Wouldn't you enjoy a feeling of pride and satisfaction with a permanent, fireproof roof over your home? Or beautiful "tiled" walls in your kitchen or bath? Or a cozy, livable room in your attic or basement? Johns-Manville will lend you the money to make these and other home improvements now!

\$1,000,000 to lend for Home Improvements

REALIZING that in many communities there is a lack of credit facilities to finance needed home repairs and improvements, Johns-Manville has set aside a fund of a million dollars from which home owners may borrow.

Under the J-M Million-Dollar-to-Lend plan, a small down payment provides you with all of your remodeling and home improvement work *at once* and you have a full year to pay the balance in easy monthly installments.

And—best of all—you can draw on the J-M Million Dollar Fund for all kinds of remodeling even if Johns-Manville materials represent as little as 25% of the total cost of the job!

Make these improvements now— pay out of income

Here's money for practically every remodeling job you want done. Money for a beautiful fireproof roof! Money for an extra room in the attic or

basement! Money for a modern kitchen and bathroom with colorful "tiled" walls. Money for home insulation to reduce fuel bills in winter and make your home cooler in summer. Money to make needed repairs that will protect your investment in your home.

You will save money if you take advantage of today's low prices to make *your* home more complete, more attractive, more comfortable—a better place for living. Draw on the J-M Million Dollar Fund and have your home improvement work done *now*—and pay later out of income.

On the next page are listed some of the many home improvement suggestions discussed in this book. Pick out the ones you are most interested in and read about them first. Then, later read every page, and study every photograph. You will find many helpful suggestions. We'll gladly give you a free estimate of costs on any work which you want done. Mail the card on the last page and we'll call at your home to give you full information.

Some of the many Home Improvements You can make under the J-M Plan

Re-roof your home

Is your roof weather-tight and in good condition? Does it give your home adequate protection from fire and weather? *Read pages 4 to 7*

Re-side the exterior of your house

Are the outside walls shabby? Do they require frequent repairs and painting? *Read pages 8 and 9*

Add a new sun porch

Have you a sun room? Why not convert the old porch into one? Or go a step further and add a cool outdoor sleeping porch? *Read page 22*

Insulate your garage

Is your car protected from fire and sudden changes in weather and temperature? *Read page 23*

Seal up leaks in roof and walls

Is your roof in need of minor repairs? Are there cracks around windows and door frames that let in cold air and dampness? *Read page 24*

Build garden furniture, trellises, etc.

Do you use your garden for summer out-of-door meals or "picnics"? Do you have tables and seats in the garden? *Read page 24*

Insulate your attic

Are your bedrooms hard to heat in winter? Are they hot and stuffy in summer? Why not make your home comfortable the year 'round? *Read page 15*

Convert waste attic space into useful room

Do you need an extra bedroom, guest room, maid's room or play room? *Read page 16*

Build a game room in the basement

Would you enjoy a recreation or party room, an extra lounge or reading room? *Read page 17*

Make your kitchen attractive and up-to-date

Is your kitchen drab and colorless? Why not make it the bright, cheerful room it should be with colorful, sanitary tiled walls? *Read pages 18 and 19*

Build a breakfast nook

Could you use a cozy, colorful, step-saving breakfast nook? *Read pages 18 and 19*

Modernize your bathroom

Is your bathroom the one room you hesitate to show to guests? Would beautiful new walls in tile design improve its appearance? *Read pages 20 and 21*

Re-decorate walls and ceilings

Do your interior walls need repainting or papering? Would you like to make each room individual, cheerful and attractive, at small cost? *Read pages 10 to 14*



Side walls that will never need painting or repairs—yours for a small down payment!



An extra bedroom in the attic, or a game room in the basement—you can have them now!



A home as much as 12° cooler on the hottest days, fuel savings as high as 25%—and you pay out of income!

Re-roof your Home for the LAST Time

with permanent, fireproof Johns-Manville Asbestos Shingles

WHEN we suggested that you look at your home with a critical eye, we naturally assumed that you would start with the roof. For above everything else, it is the key to the security, the beauty and the very permanence of the investment you have made in your home and as such it deserves to be first on your list of possible improvements.

Did you find the roof ugly and drab-looking? If so, you must have noticed how the entire house suffered in appearance. Nothing makes a home look so out-of-date and old-fashioned as a shabby roof!

Was there any visible evidence of deterioration or decay, such as curled or worn out shingles? Better watch out, for you face the possibility of damaging, costly leaks and expensive repairs.

Is it a *fireproof* roof that shelters your home? Here is a vitally important point. An inflammable roof, you know, is a dangerous fire hazard that has wiped thousands of families out of house and home. (Approximately 23% of all residential fires start on the roof!)

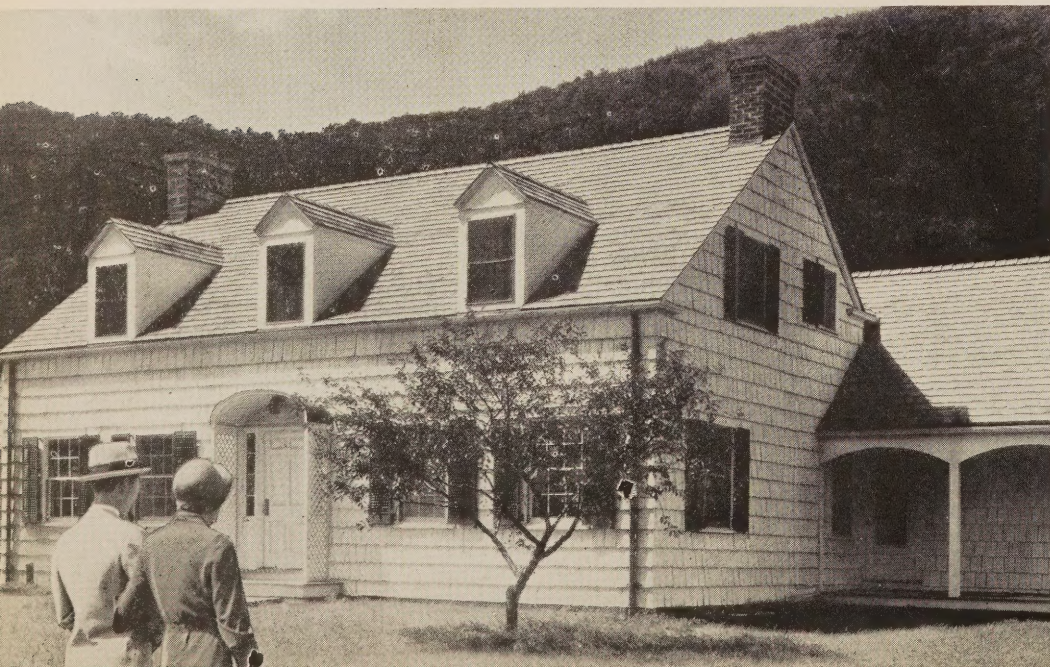
The answers to such questions as these will tell you a great deal about your roof, but they cannot tell you all. Only by a close inspection can its actual physical condition be determined. Naturally we do

not recommend that you climb up on your roof. That is our job! Let us do this for you—without cost or obligation, of course. We will tell you if any of the shingles are beginning to loosen; if the roof may leak soon and cause costly damages; if any of the flashings need repair. And we'll include in our recommendations what should be done. If you should need a new roof, we'll tell you how much it will cost and help you select the style and color most suitable to your home.

You can have a new roof right over the old one

Re-roofing today, is simple if done the Johns-Manville way. The new roof is laid right over the old one. This does away with the expense, dirt and litter customary with ordinary roofing where the old shingles are torn off, and in addition, gives you the protection of the old roof.

When you re-roof with the colorful, permanent J-M Asbestos Shingles, you will have the last roof you will ever have to buy for your home. And it will be fireproof. There will be no more roof troubles! No more danger from chimney sparks or flying brands from nearby fires! No more costly repairs! Instead, good solid protection *as long as*



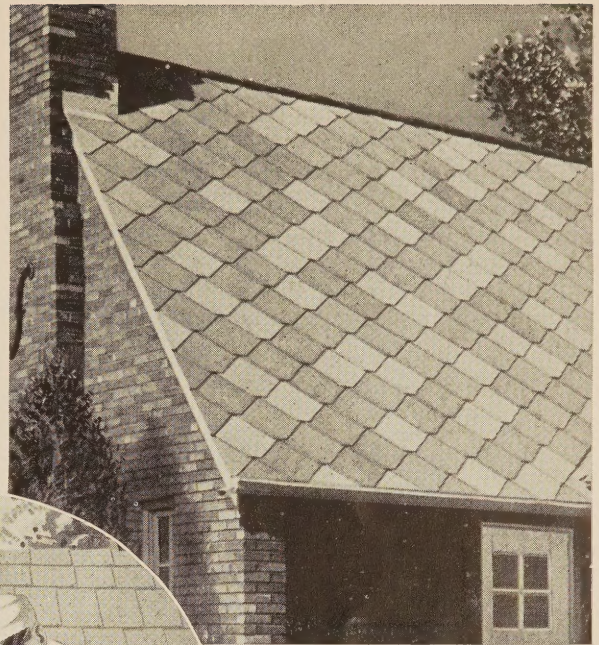
Make This Test

Stand a little distance from your home, as these people are doing, and study carefully the appearance of your roof. How does it compare with the other roofs in your neighborhood? Is it in keeping with the rest of your house and its surroundings?

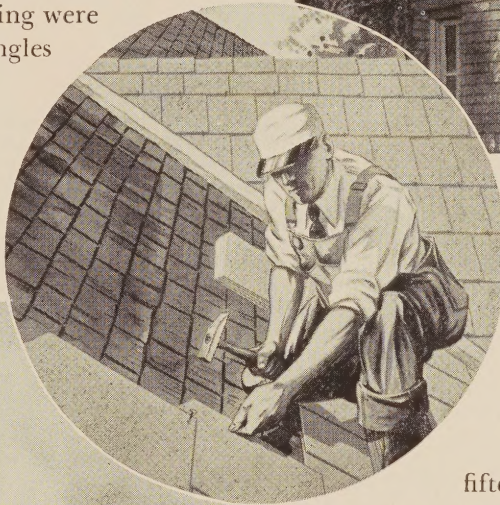
E. DEAN PARMELEE, ARCHITECT

your house stands. For J-M Asbestos Shingles are made of asbestos—the unburnable “magic” mineral with a thousand uses—combined with portland cement. They will not burn. Nor will they ever wear out.

In fact, these sturdy shingles have been found to grow stronger with age and exposure, which may seem in contradiction to all laws of nature. In Florida recently, a home-owner tore down his old house, sixteen years after it had been roofed with J-M Asbestos Shingles. An analysis was made to determine the exact condition of the shingles. The test showed that the area exposed to weather was actually stronger than the part which had been covered—stronger even than new shingles. Many other homes now standing were roofed with J-M Asbestos Shingles

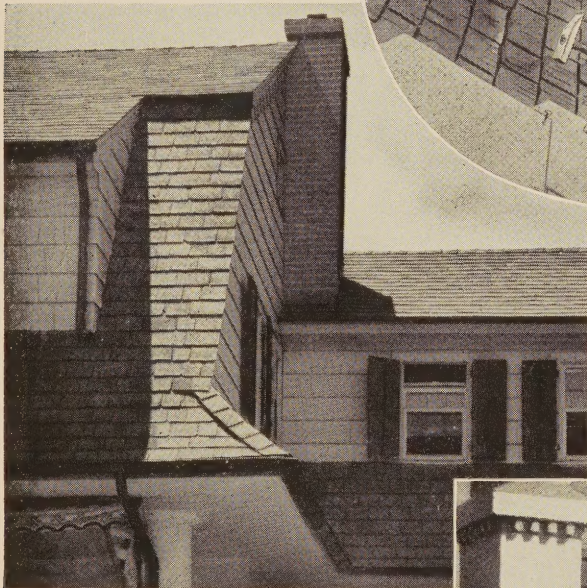


(Right) Your new roof is laid right over the old—thus saving you the trouble and expense of removing the old shingles.



The LAST Roof This Home Will Ever Need!

J-M Asbestos Shingles make it secure from weather and roof-communicated fires. The hexagonal design is one of many from which you may choose.

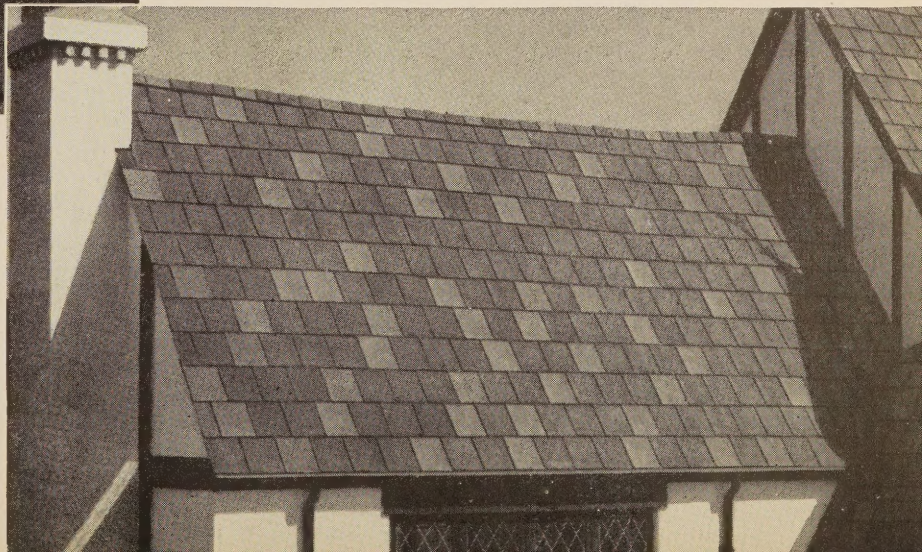


(Above) Note how perfectly its roof of rough-textured Asbestos Shingles has caught the architectural feeling of this Colonial home.

(Right) A roof of J-M Dutch Lap Asbestos Shingles—one of the most economical ways to give your home permanent fireproof protection.

fifteen and twenty years ago and the roofs are still weather-tight and in excellent condition.

Test these shingles yourself! Try to burn them, even with a blow-torch! You will find that the intense heat has no effect upon them. Nor has years of exposure to glaring sun, driving rain and bitter cold. Could you wish for more complete





A Roof of Popular J-M Asphalt Shingles

Low in cost, these shingles are also durable and fire-resistant. Could you want a more charming roof than this one in the new Latch Thatch design?



(Above) A home roofed with colorful J-M Asphalt Shingles in the ever-popular Hexagonal style.

(Right) Thick-butt J-M Asphalt Shingles make this roof as substantial and attractive in appearance as it is durable in service.



(Right) Another J-M Asphalt Shingle roof, this one in blended colors. Almost any number of pleasing roof effects may be obtained with these attractively colored shingles.

protection to your home? Truly, you re-roof for the last time when you apply J-M Asbestos Shingles over the old roof.

A wide range of colors to choose from

Not only are J-M Asbestos Shingles permanent and fireproof, but they are available in a wide assortment of colors, styles and textures. There is a roof of these shingles suitable for every home, from the smallest cottage to the largest mansion.

You can have the right colors and roof textures to make your house express your own tastes and personality. The roof will harmonize perfectly with the architectural scheme—the ideal roof for your “home of tomorrow.”

J-M Asphalt Shingles to fit any pocket book

Even if you cannot afford the 100% protection of J-M Asbestos Shingles, you need not delay having a new roof. Your home can be covered with J-M Asphalt Shingles, which are even lower in price. These durable, fire-resistant shingles will give you an attractive roof and assure freedom from upkeep expense for many years to come.

J-M Asphalt Shingles are made on a base of felt, saturated and coated with special asphalts. A coating of colorful slates and minerals is finally applied, making them lively in color as well as durable and watertight.

Here, too, you have a wide range of colors and styles from which to choose your roof. A variety of greens with blendings of black, browns and reds, two-tone reds and browns, and other combinations give the broadest possible opportunities for individual selection.

Like J-M Asbestos Shingles, the popular J-M Asphalt Shingles must be seen to be fully appreciated. We will be glad to show you actual samples of any of the J-M Shingles right in your home.



Some Suggestions that will help you choose the Right Roof for your Home

Choose Your Color Scheme Carefully

In selecting the colors for your roof and walls, keep in mind these three factors: the type of house you own, your own color preferences, and the surroundings—both landscaping and neighboring buildings. The colors should please you but at the same time harmonize with each other and the surroundings.



Roof and Wall Colors Should Harmonize

Generally speaking, light walls require a deep-toned roof and trim. Dark walls use bright, warm roof colors and light trim. For example, white walls are enhanced by a green roof (see Colonial house above). Yellow walls are offset by a blue-black roof, or gray roof. Brick walls by a light, warm roof in colors that harmonize with the color of the brick.

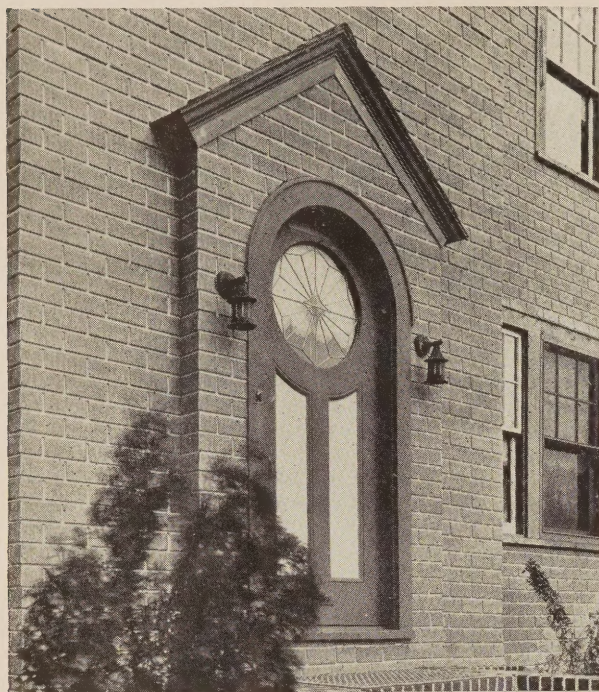


Every Home can be Made Beautiful

From the many colors in which J-M Shingles and Siding are available, you can choose colors that will make your home stand out as one of the most beautiful in your community.



Give your Home new Fireproof Walls of Lasting Beauty



Once an Old Shabby Home

But J-M Brick-type Asbestos Siding transformed it into a distinguished "brick" residence. And not only do these modern siding shingles look like brick but they last like brick and are fireproof too.



No More Painting or Repairs

Compare the side-walls of your home with the up-to-date appearance of these houses covered with J-M Asbestos Siding Shingles. Then remember that when you re-side with these permanent, fireproof shingles you banish paint and repair bills forever.

Here is the modern way to eliminate repainting and periodic repairs

THAT spot on the front of your house where the paint has started to peel—it is sort of an eye-sore, isn't it? And those old clapboards that are beginning to work loose—perhaps you haven't noticed lately how unsightly they really are.

Most of us have been inclined to shut our eyes to these unpleasant reminders as long as we could. We dreaded to think about repainting and repairs, not only because of the expense involved, but because we knew that no sooner had we spent our good money than time and weather immediately started right in to undo our work again.

Frankly, hasn't the burden of this periodic upkeep expense forced you to sacrifice something of the charm and attractiveness of your home?

Today, this is no longer necessary. The modern method of re-siding—with permanent, fire-proof J-M Asbestos Shingles—eliminates paint and repair bills *for all time*. These everlasting shingles never wear out, never need repainting. Applied right over the old siding at little expense, they give complete protection from fire and weather. And their distinctive beauty will be a source of pride and satisfaction as long as your home stands.

A home of enduring "brick" shingles

There are many styles and colors of J-M Asbestos Shingles from which you may select new side-walls for your home. If you are one of those who



admire the substantial appearance of fine brick work, the new Brick-Type Siding will perhaps appeal to you most. This shingle, which in texture and color closely resembles wire-cut brick, will transform your home quickly and inexpensively into a "brick" residence. The doorway on page 8 will show you how successfully this can be done. In any one of its three attractive colors—red, buff or mulberry—the new Brick-Type Siding will give you an effect like that shown here.

Colors and styles to blend with your roof

If you have already planned a new roof of J-M Asbestos Shingles, you may prefer some other style or color of shingle for the side-walls—a color which will blend or contrast more pleasingly with the one you have selected for the roof. The entire line of regular roofing shingles is yours to choose from! Or, you may have the No. 110 Asbestos Siding Shingle with its new wider spacing which makes it unusually economical to lay. An example of a home re-sided with these shingles is shown in the photograph at the bottom of page 8.

An asphalt shingle siding is still lower in cost

Perhaps you feel that even the modest expenditure required to re-side your home with J-M Asbestos Shingles is slightly above the limits of your budget. At an even lower cost, you can completely modernize the exterior of your home and enjoy many years of freedom from upkeep expense—with J-M Asphalt Shingles.



Completely Protected from Fire and Weather

Side walls and roof of permanent J-M Asbestos Shingles give this home complete protection against fire and weather. And the owner will never have to spend one cent for upkeep!

Just as these shingles assure a long-life, fire-resistant roof, so do they provide an excellent re-siding material, second only to J-M Asbestos Shingles in durability and protection. And there is a wide range of colors and styles from which to choose.



From a Home of Yesterday to a "Home of Tomorrow"

It's the same house, but what a difference in appearance! New side walls of J-M Brick-side Asphalt Shingles effected the complete transformation. Isn't the "new" Home one you would be proud to call your own?



Now, let's go Inside your House and look around for Things to do!

NO MATTER how attractive your house may be on the outside, it is the inside that really transforms a house into a home. Here with the proper decoration and interior treatments you can provide the desired atmosphere and surroundings for your home life at very little expense.

The comfort, beauty and livability of your home depends upon a number of factors. Omitting from this discussion the question of furniture and furnishings, perhaps the next most important factor is one which we are all quite likely to overlook—the *walls*. They are tremendously important. Just as on the stage, the scenery must be “in character” to assist the actors in creating the proper impressions, so must the walls in your home present the right background for each room and its furniture.

Let's take a look at your walls

Is each room interesting, attractive and individual? Is the decorative treatment adapted to the use to which each room is put? Does the bathroom

depict cleanliness, beauty and convenience? Are the living room, dining room and bedrooms attractive and distinctive, yet with a feeling of restfulness and comfort?

Let us look again at your home through the eyes of a critical guest. Will he find that the maid is the occupant of the only “guest” room? Or suppose that you have taken him down to your basement for a ping-pong game among the hoes and rakes, lawn mowers and wheel barrows with an unsightly furnace at his elbow! How much nicer it would be to finish off an unused portion of the attic for a maid's room and build an attractive yet inexpensive game room in your basement.

With the development of new and more economical building materials, such improvements are within the reach of every one today. Whether your home requires additional rooms to make it more livable, or whether there are existing rooms that need re-decorating, you will find many helpful suggestions on the following pages.

Use these economical new Decorative Materials

At small cost, you can beautify every room and increase living comfort with J-M Insulating and Wall Boards

NOTHING mars the beauty of a room so quickly and surely as ugly walls — walls that are dingy, faded, soiled, cracked or otherwise poorly finished. They should be fresh, attractive and well cared for.

Don't think that you cannot afford beautiful walls—and ceilings, too! Remodeling and redecorating today does not have to cost a lot of money.

J-M Wall Boards offer an ideal finish for every room

Johns-Manville has developed several new structural decorative materials, all of which are amazingly reasonable in cost. Practically an unlimited number of interesting, plain or decorative wall and ceiling effects are possible with J-M Insulating and Wall Boards. Each room of your home can be made distinctly different, with a character and individuality of its own; yet in complete harmony with the others.

These J-M Wall Board finishes are easy and economical to apply as well as low in cost. No need to tear down old plaster, wall paper or woodwork! The boards are installed right over the old finish.

All the J-M wall boards are grainless, knotless, all-wood fibre boards, with great tensile strength and surfaces that harmonize with practically any decorative scheme. The natural colors are so pleasing that no extra finish is needed, thus saving a

finishing cost. But they can be painted or stained and varnished if a special color scheme is desired.

As the name implies, J-M Insulating Board is a wall board that insulates as well as decorates.

This useful structural material is available in a wide variety of patterns and styles designed for specific uses. There are J-M Bevel Plank for simulating wood plank paneled rooms at much less cost than wood; Wainscoting Panels in a number of attractive designs; Ashlar Strips for finishing walls similar to the popular masonry design of the same name; Bevel Board—beveled tiles in a variety of sizes and patterns for wall and ceiling finishes; and many prepared designs for ceiling treatment with J-M Decorative Board Tile.

All the J-M Insulating Board products are made of spruce fibre from selected timbers. Their color is a pleasing buff, which makes dark rooms lighter, small rooms seem larger and any room brighter and more pleasant.

Where a stronger, harder surface is needed to withstand greater wear and tear you will find that J-M Hard Board or J-M PanLBoard are excellent materials. Because of their greater density these

Charming... Attractive... Livable

What better way could you describe the living room shown on the opposite page? It was remodeled with J-M Insulating Board on the walls and J-M Bevel Plank on the far wall around the fireplace. Bookshelves made of J-M Hard Board on either side of the recessed French doors completed the job.

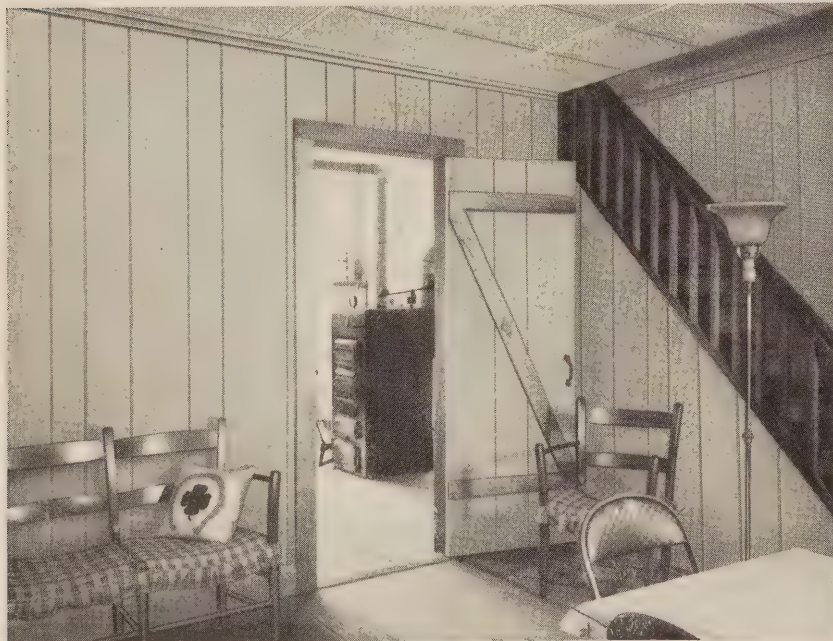
(Right) Walls and ceilings of J-M Insulating Board, applied in large sheets, give this modern bedroom an air of spaciousness and at the same time harmonize perfectly with the decorative scheme.





(Above) THIS REMODELED DINING ROOM owes its charm to walls and ceilings of J-M Insulating Board and to built-in cabinets and shelving made from J-M Hard Board. The scalloped molding was also cut from Insulating Board.

(Below) A COZY BASEMENT ROOM with walls of J-M Bevel Plank in random widths and a ceiling of J-M Decorative Tile. For building new rooms or re-finishing old ones, J-M materials offer a wide choice of distinctive treatments.



boards have very little insulating value but have great strength and much smoother surfaces than J-M Insulating Board.

The color of PanLBoard is an attractive buff while J-M Hard Board is a deep, rich brown, resembling walnut.

Have paneled walls, inexpensively

Paneled walls of J-M decorative boards add character, warmth and comfort to rooms. J-M Bevel Plank, which is available in several widths, makes a room look higher than it actually is and offers a wide range of panel effects—narrow, wide, medium width or random width planks. It can also be used as a wainscot with flat, unbroken sheets of J-M Insulating Board for the remainder of the wall surface.

If you want a more decorative wainscot, choose J-M Wainscoting Panels which can be used in combination with Bevel Plank or Insulating Board.

Other interesting types of paneling are obtained by using J-M Insulating Board with batten strips of the same material or J-M Hard Board to cover the joints and form the panels. J-M Insulating Board comes in large sheets which can be cut into any size or pattern to fit your design.



(Above) Erecting a paneled wall of J-M Insulating Board. Here batten strips of the same material are being used to cover the joints and form the panels.

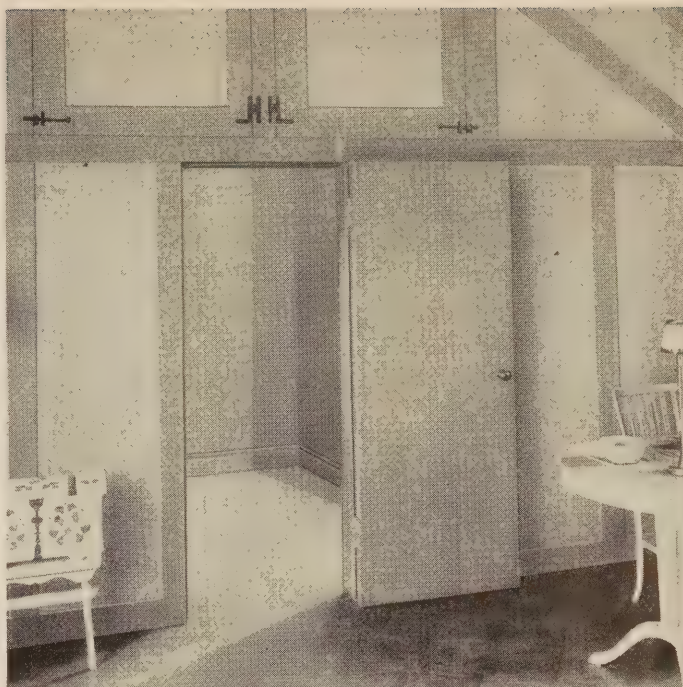
If you want a rich brown wall without extra expense, use J-M Hard Board as wainscoting or to cover the entire wall. An attractive two-tone effect can be yours by using a combination of Hard Board and J-M PanLBoard. Wax or varnish will give these boards a glossy, highly polished surface.

Any number of different wall patterns can be worked up with PanLBoard, Ashlar Strips and Bevel Board—paneled walls, plain surfaced walls, masonry effects, herring bone patterns and basket weaves. The walls will be easy to redecorate should you ever desire to change the color scheme of any one room or the entire interior.

Strong, sturdy, long wearing wall and ceiling finishes

To harmonize with walls of J-M Insulating Board materials you will want the same type of decorative ceilings too. For this purpose there are many designs available in J-M Ceiling Tile and J-M Bevel Board tiles. Their excellent insulating properties will also do much to keep room temperatures under control.

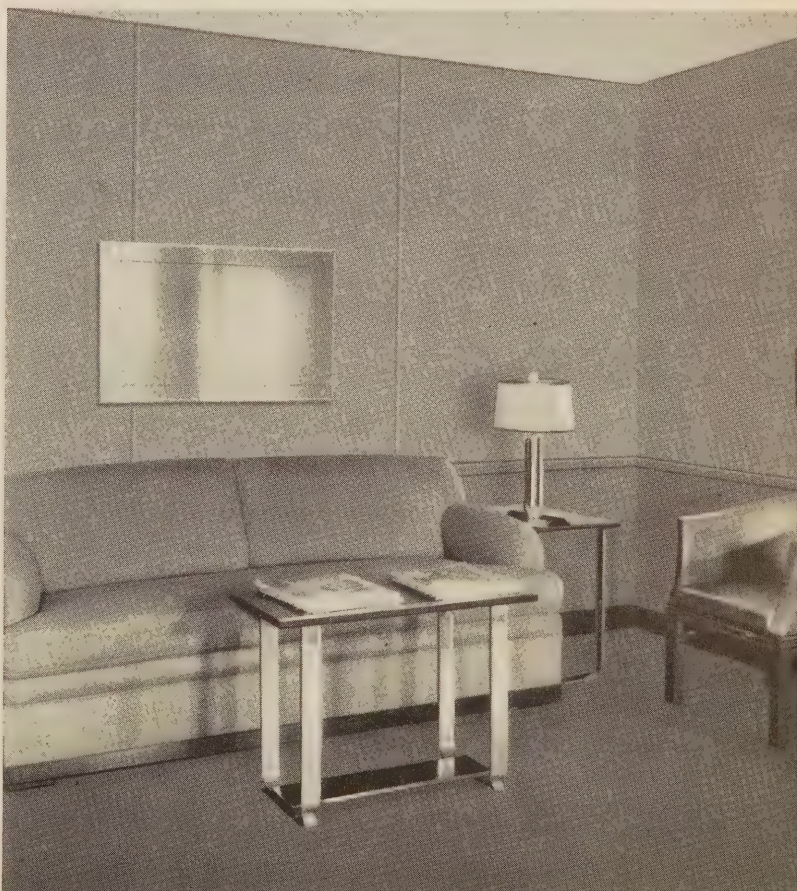
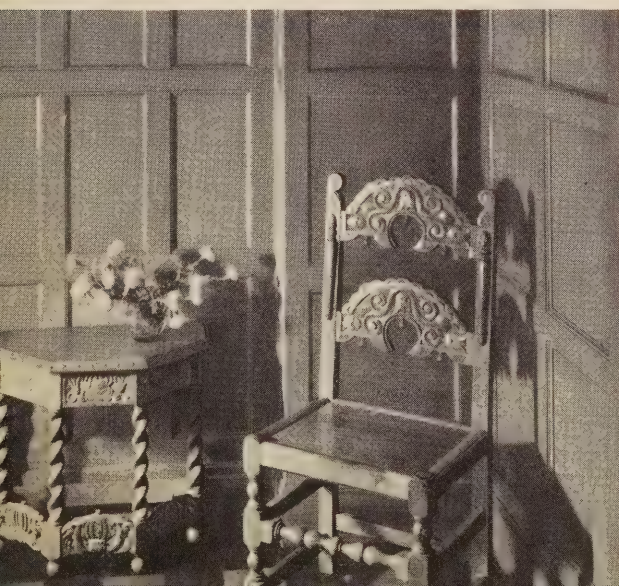
Insulating Board materials are made from choice spruce fibres, thoroughly waterproofed. They will resist swelling, shrinking, warping and



THAT EXTRA ROOM IN YOUR ATTIC can look just as attractive as this one, with its walls of J-M Standard Hard Board and darker, contrasting panels of Tempered Hard Board. The ceiling is of J-M Insulating Board with Tempered Hard Board paneling.

(Right) A MODERN LIVING ROOM—with modern walls that make a fitting background for the furniture. They are made of J-M Insulating Board with the edges beveled. The dado of J-M Hard Board is the finishing touch.

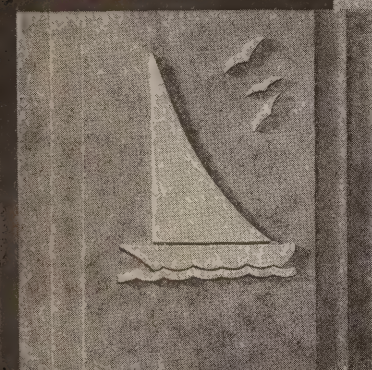
(Below) RICH PANELED WALLS like these for any room in the house are easily and inexpensively obtained by applying J-M Insulating Board over the old wall finish.



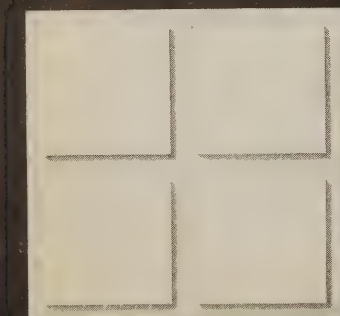
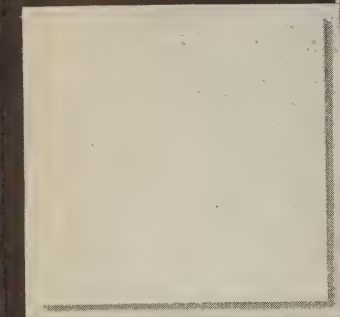
Choose your Wall and Ceiling Treatments from these decorative J-M Materials



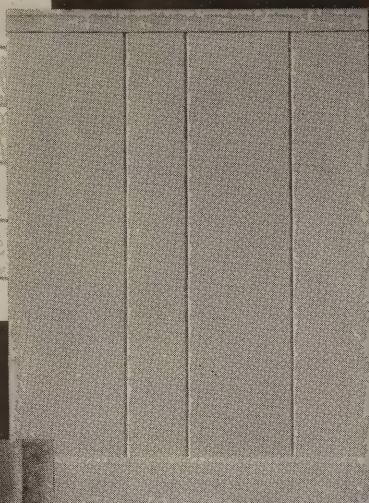
(Above) J-M ASHLAR STRIPS
Strips of J-M Insulating Board in the popular masonry design.



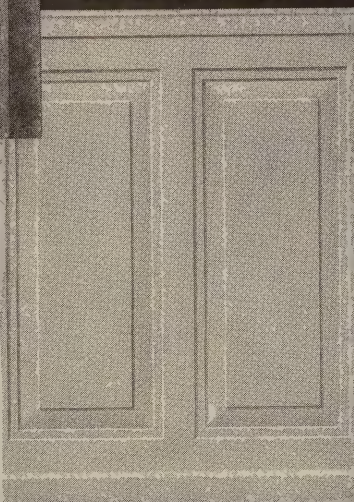
(Above) J-M HARD BOARD
This strong, hard, wood-fibre board comes in two shades of rich brown, and can be used to obtain practically any decorative treatment desired.



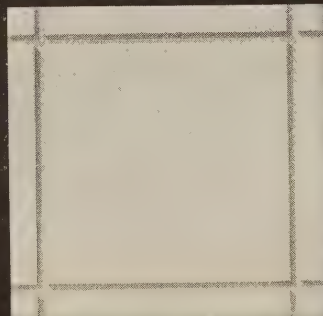
(Below) J-M BEVEL PLANK
Random width, beveled planks of J-M Insulating Board in its attractive natural buff color.



(Below) J-M WAINSCOTING PANELS
Pre-designed, ready-to-apply units of Insulating Board in paneled wainscoting effects.



(Left and Below) J-M DECORATIVE BOARD TILE
Ceiling tile of Insulating Board designed for use with walls of Insulating Board or Hard Board.



distortion of walls to a remarkable degree—far superior to ordinary wood. Tests have shown that the average tensile strength of these boards is over 250 lbs. per square inch, *both crosswise and lengthwise*. The transverse strength is over 425 lbs. per square inch. Here is truly a superior board for durable construction, insulation and room decoration.

J-M PanLBoard is Insulating Board compressed to half the usual thickness, giving it greater density and strength, and a harder surface.

Hard Board — the material of countless uses

J-M Hard Board is a new building board so versatile that its uses range from cabinet making to heavy construction work. The standard Hard Board has a tensile strength of approximately 3500 lbs. per square inch and is suitable for all general purposes. Where an even harder, denser, and stronger sheet is needed, J-M provides Tempered Hard Board which has a tensile strength of approximately 7000 lbs. per square inch. It will not warp, crack, split or splinter. Its hard, glossy surface withstands great wear and abrasion. So resistant is it to moisture that it can be used out of doors with practically no additional finish.

Plan to include these utilitarian and decorative boards in your home improvement work. An estimate will show you how little they cost and, of course, under the J-M Million-Dollar-to-Lend Plan you can have all your rooms decorated *now* and pay later.

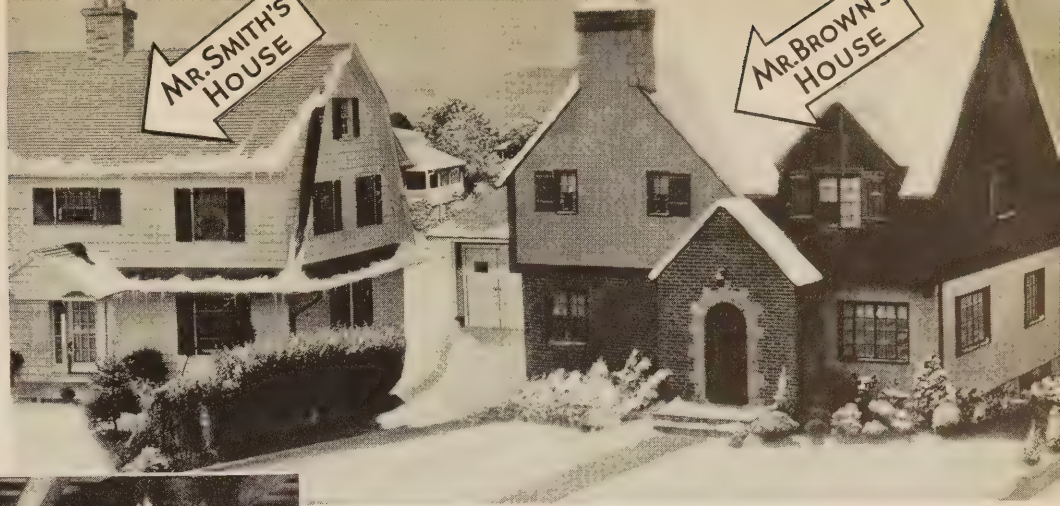
Is making things your hobby?

Two materials that have found great popularity in "basement workshops" are J-M Hard Board and J-M Insulating Board. Their easy workability with ordinary woodworking tools and their attractive finishes adapt them to making countless useful articles for the home which require no unusual skill. Flower stands, radiator enclosures, folding screens, ping-pong tables, doll houses, vanity tables, cupboards, window boxes and waste baskets are but a few of the many things you can make out of these versatile materials.

As a matter of fact, J-M Hard Board will even help you get started on this hobby of making things, because it is an excellent material for building that extra basement or attic room which you will want for a workshop.

Bats in the Attic

Not the winged variety but the new handy J-M Rock Wool Bats, which insulate your home as effectively as 11 feet of solid stone.



Why Didn't the Snow Melt on Brown's House?

The answer is simple. A thick barrier of J-M Home Insulation keeps heat inside where it is wanted. It cannot "leak" through to melt the snow and wastefully heat all outdoors. As a result, Brown saves 25% on his winter fuel bill and his home is 8 to 12 degrees cooler than his neighbor's in summer.

Make your Home Independent of the Weather!

You can, with J-M Rock Wool Home Insulation

ARE there rooms in your home that are difficult to heat in winter, no matter how hard you drive the furnace? On hot summer nights do you toss about in bedrooms that are like ovens?

The reason for this lost comfort and wasted fuel lies upstairs in your attic—in the spaces between the attic floor beams or between the roof rafters. In a great majority of homes, these spaces are unprotected by insulation. In winter the heat from your upstairs rooms leaks right through the thin layer of plaster and lath that separates these rooms from the attic, and on out through the roof. You actually spend money to heat the outdoors!

In summer, the outside heat pours in the same way, and on down into the bedrooms below.

Fuel savings up to 25%—bedrooms up to 12 degrees cooler in summer

Recently, J-M Engineers have learned how to stop this heat leakage that makes homes so hot in summer and so hard to heat in winter. They have

perfected an amazing new insulation — Johns-Manville Rock Wool — which, when placed between the attic floor beams or under the roof rafters in your home, makes those upstairs bedrooms up to 12 degrees cooler in summer and reduces winter fuel bills from 15 to 25%.

As effective as 11 feet of solid stone

This remarkable wool is made in "bat" form to fit snugly, yet easily into the attic spaces where heat leaks through. It is *thick* insulation, from 3 to 8 times the thickness of ordinary insulations and therefore many times more effective. Made from rock, it is fireproof and rot-proof and will last as long as the house itself. And once installed, it permanently seals your home against summer heat and winter cold—a barrier as effective as a solid stone wall 11 feet thick!

More than 30,000 home-owners are now enjoying these benefits of J-M Rock Wool Home Insulation. May we tell you how little it costs?



PHOTO COURTESY "THE AMERICAN HOME"

Could You Make Use of Extra Rooms Like These?

A comfortable small apartment like that shown at the left, or a paneled reading room or lounge like the one below? You can have them, easily and inexpensively, by putting some of that wastespace in the attic to work. Read how it's done on this page.

Convert your Attic into an Extra Room

COULD you use an extra room in your house? Of course you could and, if yours is like most houses it has the traditional attic catch-all with trunks and souvenirs and the more-than-half-worn-out beds and furniture scattered about. That's the place for an extra room and it's ridiculously easy and inexpensive to build with J-M Insulating Board or Hard Board and J-M Home Insulation.

Insulate first—then build your room

Why not transform this forgotten space into a maid's room, a play room for the children, an extra guest room or a den? The first step in this transformation of the attic is to insulate it so that the new room will be comfortable in both summer and winter. J-M Rock Wool Home Insulation tucked in between the roof rafters will not only accomplish that purpose but it will make your *whole house* more comfortable the year 'round.

Then with any one of the decorative J-M Insulating Board materials or J-M Hard Board, wall in the desired area and you will have an attractive, comfortable room. It will not even be necessary to paint or otherwise finish the walls, for these materials are so pleasing in their natural colors that they

do not require it. However, if a special color scheme is desired, they can be painted, stained or varnished.

After the room itself is completed, you can add bookshelves, window seats and other fixtures at slight additional expense by having them built of J-M Hard Board.

Let us take a look at that attic of yours and you'll be agreeably surprised at how inexpensively an extra room can be provided out of some of the space that's now being wasted.



Build a Recreation Room in your Basement

BASEMENT recreation rooms have become so popular in the past few years that the home without one is definitely stamped as out-of-date. And almost every basement has wasted space that can be easily transformed into an attractive game room at small cost. How about yours?

In transforming a dark and dusty basement into usable, livable space, you will find J-M Insulating Board and J-M Hard Board valuable but inexpensive remodeling and decorating aids. With a few large sheets of Insulating Board, the partitions are quickly and easily erected and the ceiling finished off with the same material to complete the room.

Then, to furnish it inexpensively, J-M Hard Board can be used to build tables, seats, bookshelves and other fixtures—and even a bar if one is wanted.

The photographs below show how two home-owners remodeled their basements into attractive livable rooms. One is a combination recreation room and living room while the other is a reading room and lounge.

Who Wouldn't Like the Key to this Cellar?

Especially when it unlocks the door to a restful room where you can spend a quiet hour with your favorite novel. Can you think of a better way to use your basement?



A Place for the Whole Family to Play

And when they get tired of playing, they can fold up the ping-pong table and dance! There's space in your basement for just such a room—and it costs but little to build.



No Wonder They're Pleased!

Who wouldn't be with a kitchen as colorful as this one, with its black J-M Asbestos Wainscoting, ivory walls and canary yellow cabinets? A metal sink and a yellow stove, trimmed in black complete the picture.



Tea for Two—or Coffee for Four

Yes, and luncheon and dinner too could be served in this cozy nook. Yet all it required was a corner of the kitchen, two wooden seats and a table, and a few sheets of green J-M Asbestos Wainscoting.

(Above) Applying J-M Asbestos Wainscoting sheets to a kitchen wall.



Make your Kitchen

A few sheets of J-M Asbestos Wainscoting will do it—and they go on right over the old walls.

HOME! How quickly that word brings a picture to our minds. A picture that shows Mother in her own domain—the kitchen. But is your kitchen the proper background for the wife or mother in your home? Is it cool, airy and easy to keep clean? Is it modern and convenient? If not it's time we gave some thought to it.

You may have the latest in electric refrigeration, the most attractive floor covering and yet something may be lacking. Perhaps it's color—the one thing that changes a room completely. This need is easily supplied by the application of colorful Johns-Manville Asbestos Wainscoting—that wonderful wall material that goes right over your old walls without a lot of fuss and bother.

At a very moderate cost these beautiful new walls may be yours. Imagine how bright and cheerful your kitchen would be in blue or cool green or even in spotless white. Imagine not having to worry about cracking or chipping or a new paint job in the spring.

And what a relief to know that your kitchen walls will never need scrubbing to keep them

up-to-date with Colorful "Tiled" Walls

clean! An occasional wiping with a damp cloth, with perhaps now and then a soap and water cleansing, is all the attention they will ever need.

J-M Asbestos Wainscoting—the new, “perfected” *tiling in sheets*—is made from asbestos and portland cement into easy-to-handle sheets which are inexpensive to apply. They can be installed to ceiling height or used as a wainscot. The sheets are fireproof and have a glossy, enameled surface that is ideal for your up-to-date kitchen.

Build a colorful breakfast nook to save steps at meal time

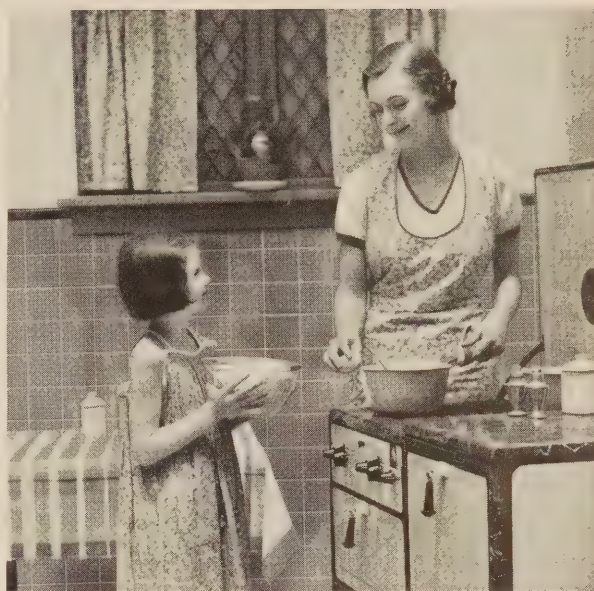
Saving steps, and thus shortening working hours, is another important factor to consider in kitchen remodeling. A new breakfast nook will accomplish this and be appreciated by every member of your family. And it will do much toward changing the appearance of your kitchen.

All you need for the job is a corner, a few sheets of J-M Asbestos Wainscoting in the right colors, a table and benches (or chairs). A folding table and seats will do nicely if your kitchen is small. Even an old closet opening off the kitchen can sometimes be converted into an attractive cozy nook. Or perhaps your pantry is large enough to provide the required space.

Note the clean, neat and convenient appearance of the kitchens and the breakfast nook illustrated on these pages. Wouldn't you be proud to have one as attractive? You can and we hope you will.

A “Dream Kitchen” Come True!

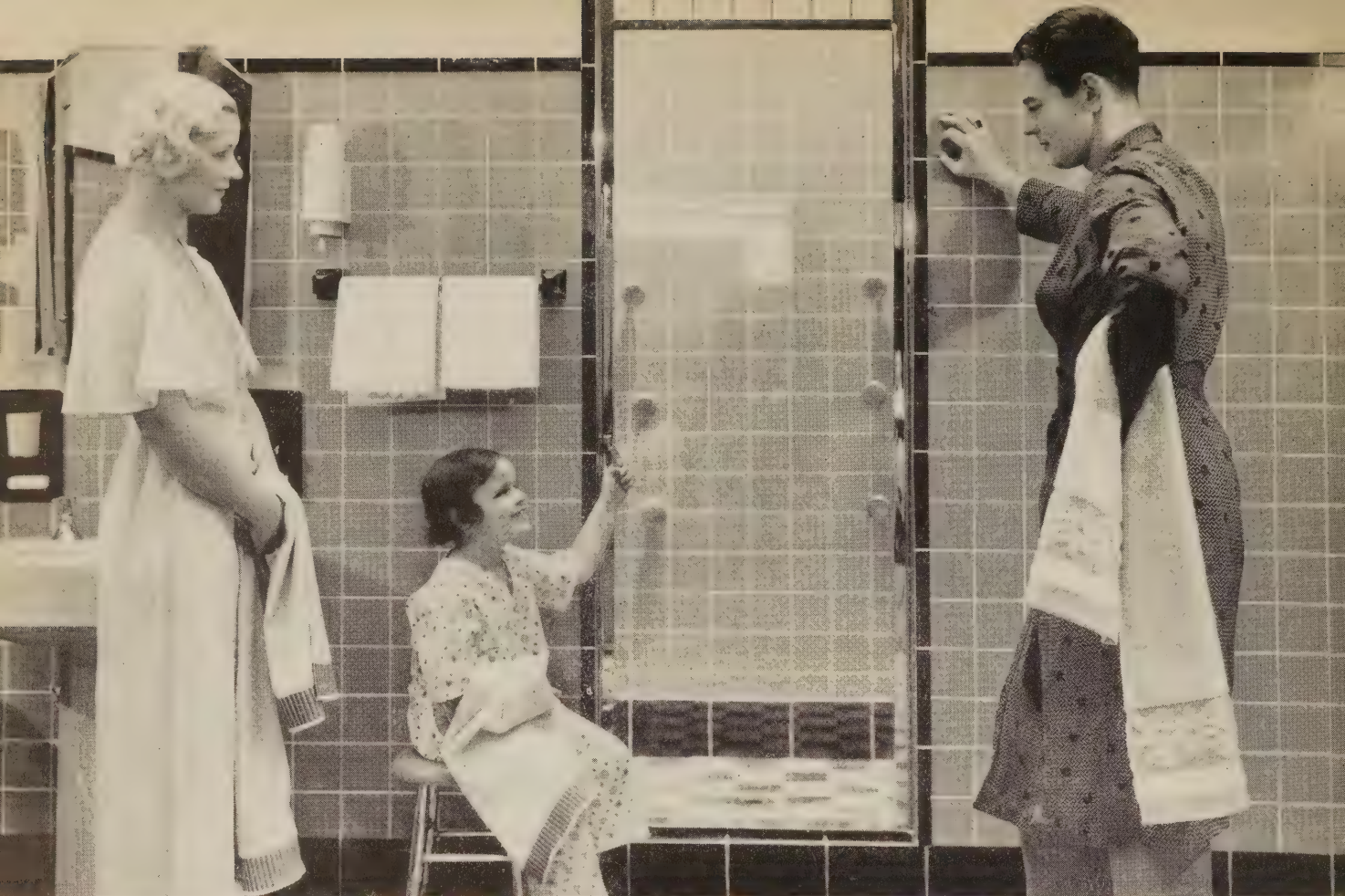
Perhaps you think this modern, up-to-date kitchen is way beyond your reach. It isn't! Inexpensive tiled walls of J-M Asbestos Wainscoting will make almost any kitchen equal to it in beauty and cleanliness.



It's a Joy to Prepare Meals Here

And mother seems to be getting plenty of help too—which is only natural in a kitchen as cheerful and inviting as this one. Colorful walls of J-M Asbestos Wainscoting will also work wonders in your kitchen if you'll only let them!





Modernize your Bathroom at Low Cost with J-M Asbestos Wainscoting

DID YOU notice the smiling faces in the picture at the top of this page? Undoubtedly you would feel pleased and happy too with a handsome bathroom that cost as little as theirs!

You *can* have just such an attractive, cheerful bathroom as this—not by going to the expense of building a new one, but simply by making over the old one with a few sheets of J-M Asbestos Wainscoting. Practically the only inconvenience to which you will be put is the selection of the color you want for the walls!

Will it be a cool green, a rich ivory, a spotless white or a delicate blue? And would you prefer to have the sheets applied as a wainscot or to full ceiling height? It can be done either way, just as you prefer, by nailing the large sheets right over your old walls. There is no fuss or bother, and

once installed, you have colorful new walls that are there to stay. You will never have to worry about tiles falling out because there are no cement joints to loosen.

Can you think of any easier, more economical way to transform a drab, colorless bathroom into a room that's modern, bright, sanitary—and a pleasure to show your friends and guests?

Why not have an extra bathroom too?

The cost of modernizing your present bathroom with J-M Asbestos Wainscoting is so low that you might well consider the possibility of an additional bathroom elsewhere in the house. It can be a large closet, converted into a bath, or possibly a section of a bedroom partitioned off with J-M Insulating

Board and finished with J-M Asbestos Wainscoting. Or perhaps you could use a new bathroom in the attic for the extra bedroom or maid's room.

Plumbing costs can be kept down by installing the new bath next to existing plumbing or in line with it. In this way you can utilize old pipes, or connect with them, at a minimum expense.

We will be glad to tell you how little it costs to make any of these improvements in your home.

(Right) APPLIED WITH SAW AND HAMMER. That's all the carpenter needs to put J-M Asbestos Wainscoting on your bathroom walls. It goes right over the old walls without fuss or bother.



(Above) NEW BATHROOM WALLS of colorful J-M Asbestos Wainscoting will make you too want to admire and show them off to friends and callers.



(Above) THIS SHOWER STALL was built by partitioning off a corner of the bathroom and finishing the walls with J-M Asbestos Wainscoting. There's probably room for one in your bathroom too.

(Left) There's no need to coax children into a bathroom as attractive as this one, with its handsome walls of J-M Asbestos Wainscoting. In fact, you may have to hurry or be late to work.

Here are 30 more Practical Suggestions for Home Improvements

You can include any of them under the J-M Million-Dollar-to-Lend Plan

NOW THAT you are familiar with some of the major improvements you can make in your home with J-M Materials, let us consider a few of the minor, but no less important things you can do to increase further its comfort and livability and reduce its upkeep.

From among the thirty or more suggestions on this and the following pages you may find several home improvement ideas which may not have occurred to you before. Others you may have considered but put aside because of the lack of ready cash to have the work done. We suggest that you go over the list carefully, remembering that you can borrow the money from the J-M Million Dollar Fund for any of these jobs—even if J-M Materials represent as little as 25% of the total cost of the work.

Build a sun room

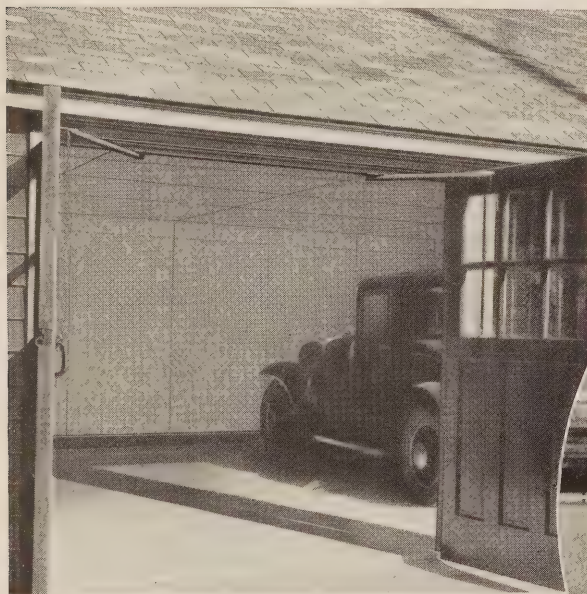
Haven't you ever wished that your home had a sun room—a place where you could relax on lazy summer days and enjoy the benefits of a refreshing "sun bath"? Many open porches can be transformed into just such a room with but minor alterations. Probably yours is one of them. A few odd pieces of furniture, windows and casements, and some plants or flowers will make it over into an attractive, cheerful sun porch like the one shown on the opposite page.

Add an outdoor sleeping porch

While you're building that new sun room, why not go a step further and add an outdoor sleeping porch? This is easily done by building it as an upper deck over the sun room, thus giving you two extra rooms at small cost.

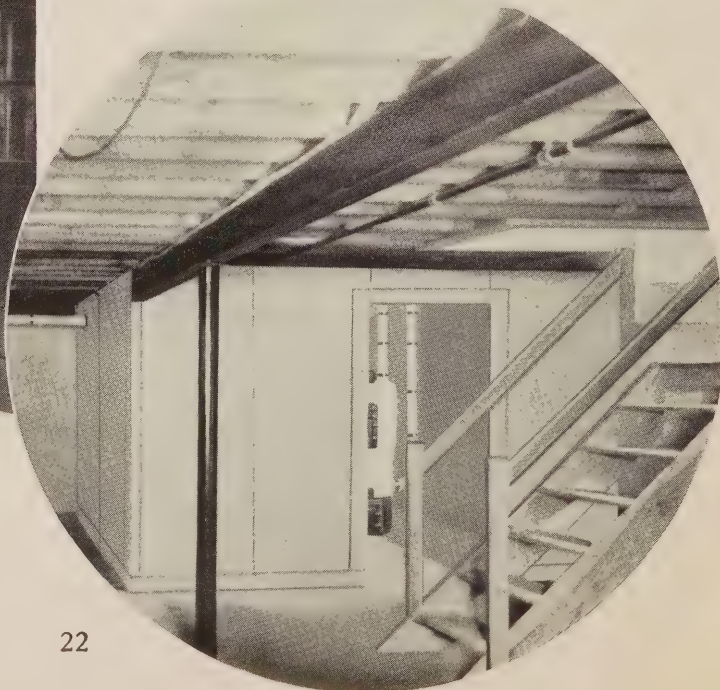
How About a Room for the Furnace?

It's ever so much easier to keep your basement clean if the furnace has a room of its own. And when you build one, make sure it has fireproof walls by using J-M Asbestos Flexboard.



Is Your Car Fully Protected?

It isn't unless your garage is fireproof. But with a few sheets of J-M Asbestos Flexboard nailed over the inside walls you can easily give it this protection. The cost is much less than you think!



Fireproof your garage

Give your car adequate fire protection by lining the garage with J-M Asbestos Flexboard, the new fireproof rigid board that's easily nailed in place without drilling. And if you will nail on sheets of J-M Insulating Board first, you'll have the extra advantage of an insulated garage at very little additional cost. Then you can "putter around" the car in cold weather as much as you like.

Put a fireproof barrier around your furnace room

If you already have a separate room for the furnace, the wood sheathing is a fire hazard which should be eliminated. This is inexpensively done with sheets of J-M Asbestos Flexboard nailed to the studs and to the floor rafters as a basement ceiling. If you haven't a furnace room, this same fireproof board can be used to build one at little cost.

Install built-in bookshelves

There is something about books that gives a feeling of friendliness to a room. If you haven't as many bookshelves as you would like, it's a simple



PHOTO COURTESY "BETTER HOMES AND GARDENS"

Build a Library into Your Living Room

Here is one way you can do it—by building the bookshelves along a wall of the room with a handy row of cabinets as a base for the shelving. Another way is to place the shelves on either side of the fireplace.



Would You Enjoy a Bright, Cheerful Sun Porch?

A few large casement windows and some pieces of summer furniture will convert that open porch into a room where you can bask in the sunshine to your heart's content. And the rest of the family will enjoy it as much as you do!

matter to have more built. Usually there's space around the fireplace or along a wall for at least half a dozen shelves. And if you haven't enough books to fill them, don't let that worry you. A sprinkling of vases, knick-knacks and other ornaments placed on the shelves looks even better than a solid row of books.

Construct shelves and cabinets in closets

No home ever built had too much closet space. And even when it has closets enough, there's generally a lack of shelves and cabinets for storing such things as linens, shoes, hats, underthings and other articles. The photograph on this page is one example of what can be done to provide those extra shelves and cabinets you need.

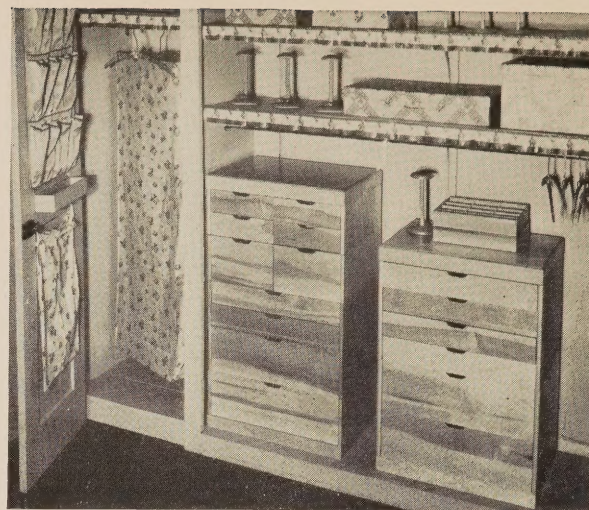


PHOTO COURTESY "THE AMERICAN HOME"

Make needed repairs to the roof

Your roof may be comparatively new, but even so it may require attention. The flashings, for example, may have begun to weaken. If it's a composition roof, the seams may have started to loosen or the asphalt saturant commenced to dry out. The proper J-M Coating or Putty, applied now, will quickly put a stop to any further deterioration. A "stitch in time" has prolonged the life of many a good roof!

Lay new roofing on your garage and other outbuildings

Have you inspected these buildings lately? If they're in need of new roofing, now is the time to have it done inexpensively—by applying J-M Asbestos or Asphalt roll roofings.

Seal up cracks in masonry walls

Small cracks in brick, stucco or stone walls are loopholes through which deterioration, in the form of water damage, strikes your home. Seal up all these openings, particularly around windows and door frames and places where pipes or wire lead-ins pass through. There is a J-M Putty for all this outdoor caulking and puttying—and the cost is almost negligible.

Damp-proof your basement walls

A damp basement is not only unhealthy—it is often the forerunner of conditions which may cause you considerable expense. If dampness pene-

A Peek into Milady's Closet

And what do we see? A dress closet, shelves for hats, boxes, etc., and two convenient cabinets for hosiery and underthings. All built at very little expense.

trates your basement, apply a coating of J-M Aquadum to the walls. It's equally effective both above and below grade, and provides a damp-proof film that seals the walls against moisture.

Construct lattices, garden furniture and window boxes

Your garden is your outdoor living room and dining room. Make it more attractive with new plants and lattices, garden furniture and bird houses. These can be built from J-M Hard Board. And if you like window boxes, build them too out of J-M Hard Board or wood.

And you can also include jobs like these under the J-M Plan

Storm doors	Weatherstripping
Storm windows	Breakfast nook furniture
Vestibules	Stairways
Hard wood floors	Window seats
Painting	Fireplace improvements
New plumbing fixtures	Benches, chests, cabinets
New windows and doors	New fences and gates
New electric outlets	New porch steps or railings
New gutters and downspouts	Cedar closets
Kitchen cabinets	Radiator enclosures

AT
201
J62
1934

We offer you a

FREE ESTIMATE

on any Home Improvement job

HERE is your opportunity to find out how little it costs to make any home improvements you want under the J-M Million Dollar to Lend plan. A permanent, fireproof roof, for example. An extra room in the attic or basement. Colorful "tiled" walls for the kitchen or bath. New decorative wall and ceiling treatments for the dining or living room. An insulated attic to make your home more comfortable the year 'round and reduce fuel bills.

Find out now how easy it is to make these or any of the other home improvements described in this book. We will be glad to give you a free estimate without any obligation to you whatsoever. Just fill in the card below and drop it in the mail today.

